

Appl. No. 09/419,927
Amendment dated March 11, 2003
Reply to Office Action of Oct. 30, 2002

Listing of Claims:

Please cancel claims 4-9 without prejudice to the
Applicant's rights.

Claims 1-9 (Cancelled)

Claim 10 (New): A composition comprising:

- A) an extensin; and
- B) a member selected from the group consisting of
 - 1) at least one pectin, and
 - 2) at least one polysaccharide found in pectin;

wherein:

said extensin comprises at least one sequence selected from
the group consisting of

A) Ser-Hyp2-Val-His-Glu-Tyr-Pro-Hyp2-Thr-Hyp-Val-Tyr-Lys,
and

B) Ser-Hyp2-Val-His-Lys-Tyr-Pro-Hyp2-Thr-Hyp-Val-Tyr-Lys;
and is free from the sequence Ser-Hyp-Hyp-Hyp-Hyp;
and wherein:

said extensin and said member are present in a
concentration sufficient to activate eukaryotic cells to
survival, proliferation, or survival and proliferation.

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Claim 11 (New): The composition of claim 10 wherein the member is a pectin.

Claim 12 (New): The composition of claim 11 wherein the pectin is sugar beet pectin.

Claim 13 (New): The composition of claim 11 wherein the pectin is citrus pectin.

Claim 14 (New): The composition of claim 11 wherein the pectin is apple pectin.

Claim 15 (New): The composition of claim 10 wherein the extensin is provided by sugar beet fiber.